

SUGGESTED STAGES OF CONSTRUCTION

PRIOR TO ANY CONSTRUCTION, INSTALL ALL NECESSARY TRAFFIC CONTROL.

PRIOR TO STAGE I, INSTALL ALL APPROPRIATE EROSION CONTROL MEASURES, INCLUDING PERIMETER EROSION BARRIER AND INLET FILTERS ON EXISTING ON-SITE AND DOWNSTREAM DRAINAGE STRUCTURES.

STAGE I:

1. CONSTRUCT PROPOSED STORM SEWER AND INSTALL INLET FILTERS ON ALL NEW OPEN-LIDDED STRUCTURES AND INSTALL PIPE PROTECTION AROUND THE ENDS OF FLARED END SECTIONS.
2. MOVE FIRE HYDRANTS.
3. REMOVE TREES, FENCES, BUSHES AND ANY OTHER LANDSCAPING IN CONFLICT WITH THE PROPOSED CONSTRUCTION.
4. RELOCATE EXISTING PEDESTRIAN PUSH BUTTON ON THE NORTHEAST CORNER (SEE TEMPORARY SIGNAL PLAN) TO THE EXISTING WOOD POLE.
5. DISASSEMBLE AND SALVAGE EXISTING STREET LIGHTS TO BE RELOCATED, PULL EXISTING WIRING, AND REMOVE CONCRETE FOUNDATIONS.
6. CLOSE SIDEWALKS/BIKE PATHS TO PEDESTRIAN/BICYCLE TRAFFIC.
7. BEGIN REMOVING SIDEWALK AND BIKE PATHS.

STAGE II:

1. REMOVE CURB AND GUTTER ON THE NORTHEAST, NORTHWEST, AND SOUTHEAST QUADRANTS OF THE INTERSECTION.
2. REMOVE VEGETATION, TOPSOIL AND COMPLETE EARTH EXCAVATION ON THE NORTH, SOUTH AND EAST LEGS.
3. GRADE AND COMPACT SUBGRADE, REPAIRING UNSTABLE AREAS.
4. INSTALL AGGREGATE SUBGRADE.
5. INSTALL CURB AND GUTTER.
6. BACKFILL BEHIND THE CURB AND INSTALL ANY NECESSARY TEMPORARY EROSION CONTROL SEEDING.
7. ADJUST EXISTING FRAMES AND LIDS LOCATED WITHIN THE WIDENING.
8. INSTALL HMA BASE COURSE.
9. INSTALL TEMPORARY RAMPS AT ALL LOCATIONS WHERE TRAFFIC WILL BE CROSSING BETWEEN THE BASE COURSE AND EXISTING PAVEMENT DURING STAGE III.

STAGE III:

1. SETUP SIGNAGE, REMOVE CONFLICTING PAVEMENT MARKING, AND SHIFT TRAFFIC WITH PAVEMENT MARKING TAPE AND BARRICADES ON THE EAST LEG FIRST IN ACCORDANCE WITH THE SUGGESTED MAINTENANCE OF TRAFFIC STAGING, SHEET 10.
2. ONCE TRAFFIC ON THE EAST LEG IS SHIFTED, SHIFT TRAFFIC ON THE WEST LEG IN ACCORDANCE WITH THE SUGGESTED MAINTENANCE OF TRAFFIC STAGING, SHEET 10.
3. ADJUST THE TEMPORARY SIGNAL VIDEO DETECTION ZONE FOR NEW TRAFFIC CONFIGURATION.
4. SAWCUT ALONG THE CENTERLINE OF THE WEST LEG.
5. REMOVE EXISTING CURB AND GUTTER ON THE SOUTHWEST CORNER.
6. REMOVE PAVEMENT ON THE SOUTH HALF OF THE WEST LEG, REMOVE VEGETATION AND TOPSOIL, AND COMPLETE EARTH EXCAVATION.
7. GRADE AND COMPACT SUBGRADE, REPAIRING UNSTABLE AREAS.
8. INSTALL AGGREGATE SUBGRADE.
9. INSTALL CURB AND GUTTER.
10. BACKFILL BEHIND THE CURB AND GUTTER AND BEGIN GRADING AND SHAPING DITCHES. INSTALL TEMPORARY DITCH CHECKS AND TEMPORARY EROSION CONTROL SEEDING ONCE DITCHES ARE COMPLETE (OR IF THEY WILL SIT IDLE FOR MORE THAN 7 DAYS).
11. INSTALL HMA BASE COURSE.
12. INSTALL TEMPORARY RAMPS AT ALL LOCATIONS WHERE TRAFFIC WILL BE CROSSING BETWEEN THE BASE COURSE AND EXISTING PAVEMENT.
13. INSTALL SHORT TERM PAVEMENT MARKING TO DELINEATE A LEFT TURN LANE.
14. REOPEN THE WHOLE WEST LEG TO TRAFFIC EXCEPT THE NEW RIGHT TURN LANE.
15. SHIFT WESTBOUND TRAFFIC BACK TO ORIGINAL CONFIGURATION, REMOVE CONFLICTING PAVEMENT MARKING TAPE AND SIGNS, AND RE-ESTABLISHING OLD LANE CONFIGURATION WITH SHORT-TERM MARKING.
16. ADJUST THE TEMPORARY SIGNAL VIDEO DETECTION ZONES FOR THE NEW CONFIGURATION AND ADD EB LEFT TURN PHASE TO THE CYCLE.

STAGE IV:

1. INSTALL ALL UNDERGROUND CONDUIT, HANDHOLES, AND FOUNDATIONS FOR THE PROPOSED TRAFFIC SIGNAL.
2. INSTALL ALL UNDERGROUND CONDUIT AND FOUNDATIONS FOR THE PROPOSED AND RELOCATED STREET LIGHTS.
3. BEGIN CONSTRUCTING SIDEWALKS, BIKE PATHS, AND DETECTABLE WARNINGS.
4. BEGIN FINISH GRADING OF PARKWAYS.

STAGE V:

1. INSTALL HMA PATCHES AS DETERMINED BY THE ENGINEER.
2. MILL THE EXISTING HMA SURFACE AND REMOVE TEMPORARY RAMPS.
3. INSTALL BUTT JOINTS AND INSTALL SHORT-TERM PAVEMENT MARKING TO DELINEATE LANES.
4. INSTALL LEVELING BINDER ON THE ENTIRE INTERSECTION AND INSTALL SHORT-TERM PAVEMENT MARKING.
5. OPEN NEW RIGHT-TURN LANES AND ADJUST TEMPORARY SIGNAL DETECTION ZONES ACCORDINGLY.
6. COMPLETE ANY REMAINING SIDEWALK AND BIKE PATHS.
7. INSTALL TOPSOIL AND BEGIN SEEDING AND/OR SODDING.
8. INSTALL ANY AVAILABLE TRAFFIC SIGNAL EQUIPMENT AND STREET LIGHTING HARDWARE.
9. INSTALL HMA SURFACE COURSE AND INSTALL SHORT TERM PAVEMENT MARKING.
10. INSTALL PERMANENT PAVEMENT MARKING AND REMOVE SHORT-TERM MARKING.
11. REOPEN SIDEWALK AND BIKE PATHS TO PEDESTRIAN AND BICYCLE TRAFFIC AND ACTIVATE PUSH-BUTTONS AND PEDESTRIAN SIGNAL HEADS ON THE TEMPORARY SIGNAL.
12. COMPLETE SEEDING AND/OR SODDING.
13. UPON SATISFACTORY COMPLETION OF THE ABOVE WORK, WORK SHALL BE SUSPENDED UNTIL REMAINING SIGNAL EQUIPMENT AND STREET LIGHTING MATERIALS ARE RECEIVED BY THE CONTRACTOR, AS DETERMINED BY THE ENGINEER.

STAGE VI:

1. NOTIFICATION SHALL BE GIVEN TO THE ENGINEER WHEN REMAINING SIGNAL AND STREET LIGHTING EQUIPMENT IS RECEIVED. THE WORK SUSPENSION SHALL BE LIFTED ON A DATE AGREED TO BY THE ENGINEER, CONTRACTOR, AND VILLAGE.
2. REMAINING SIGNAL AND STREET LIGHTING EQUIPMENT SHALL BE INSTALLED AND TESTED.
3. SWITCH SIGNAL OPERATION FROM THE TEMPORARY SIGNAL TO THE NEW SIGNAL EQUIPMENT.
4. REMOVE THE TEMPORARY TRAFFIC SIGNAL EQUIPMENT.
5. COMPLETE ANY REMAINING RESTORATION.
6. COMPLETE PUNCH LIST ITEMS, REMOVE EROSION CONTROL (ONCE SOD/SEED ESTABLISHES) AND REMOVE TRAFFIC CONTROL.
7. FINAL COMPLETION WITHIN THE NUMBER OF WORKING DAYS PROVIDED IN THE CONTRACT.

TRAFFIC STAGING GENERAL NOTES

1. THE CONTRACTOR SHALL SUBMIT A PRE-PLANNED SEQUENCE OF WORK AT THE PRECONSTRUCTION MEETING FOR REVIEW AND APPROVAL. WORK SHALL BE SCHEDULED TO MINIMIZE INCONVENIENCE TO LOCAL TRAFFIC AND MAINTAIN A REASONABLE LEVEL OF CONSTRUCTION EFFICIENCY. THE VILLAGE RESERVES THE RIGHT TO RESTRICT WORK ON ANY AREA IF TRAFFIC CONTROL OPERATIONS BECOME UNACCEPTABLE.
2. ALL STREETS MUST BE OPEN TO TWO-WAY TRAFFIC AT THE END OF EACH DAY. 10-FOOT MINIMUM LANE WIDTHS ARE REQUIRED FOR ALL OPEN LANES.
3. ACCESS FOR LOCAL TRAFFIC, MAIL SERVICE AND EMERGENCY VEHICLES MUST BE MAINTAINED AT ALL TIMES.
4. PROVIDE 24 HOUR ADVANCED NOTIFICATION TO POLICE AND FIRE WHEN ROADS ARE TO BE TEMPORARILY CLOSED OR WILL HAVE LIMITED ACCESS.
5. STAGE II MUST BE COMPLETED UP THRU BASE COURSE PRIOR TO SETTING TRAFFIC CONTROL FOR STAGE III.
6. A MINIMUM OF 72 HOURS OF CURING TIME SHALL BE GIVEN TO ALL CONCRETE WORK PRIOR TO BACKFILLING AND CROSSING WITH EQUIPMENT.
7. ADJUSTMENTS NECESSARY TO THE TEMPORARY VIDEO DETECTION ZONES AND SIGNAL PHASING DURING CONSTRUCTION SHALL BE INCLUDED IN THE COST OF MAINTENANCE OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.
8. STEPS 1 AND 2 IN STAGE IV MAY BE COMPLETED DURING STAGES II AND III AS APPROPRIATE, BUT MUST BE COMPLETED PRIOR TO STEPS 3 AND 4 OF STAGE IV.
9. ACTIVATING TEMPORARY PUSH BUTTONS AND TEMPORARY PEDESTRIAN SIGNAL HEADS SHALL BE INCLUDED IN THE COST OF MAINTENANCE OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.
10. SEEDING AND/OR SODDING SHALL BE COMPLETED AT THE APPROPRIATE TIME OF YEAR IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. IF STEP 12 OF STAGE V CANNOT BE COMPLETED DURING STAGE V, AS DETERMINED BY THE ENGINEER, IT MAY BE MOVED TO STAGE VI, WITH TEMPORARY SEEDING COMPLETED DURING STAGE V.
11. THE CONTRACTOR SHALL BE GRANTED A WORK SUSPENSION AT THE END OF STAGE V ONLY IF ALL WORK IN STAGES I THROUGH V HAS BEEN COMPLETED TO SATISFACTION OF THE ENGINEER AND VILLAGE. A WRITTEN REQUEST MUST BE MADE BY THE CONTRACTOR AND APPROVED IN WRITING FOR THE SUSPENSION TO TAKE EFFECT.
12. THE CONTRACTOR SHOULD PROVIDE FOR ENOUGH REMAINING WORKING DAYS TO COMPLETE ALL WORK IN STAGE VI WITHIN THE TOTAL ALLOTTED CONTRACT WORKING DAYS.
13. THE ENGINEER MUST BE NOTIFIED OF ANY CHANGES IN CONSTRUCTION STAGING.

COPYRIGHT © 2009 BY BAXTER & WOODMAN, INC.
 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. 0298-0396
 EXP. 12/31/2011
 PROJECT NO. 090491-PH2-Mot-1.sht
 DATE: 12/6/10



DESIGNED - DSH	REVISED - 1-19-11 PER VILLAGE
DRAWN - CJC	REVISED -
CHECKED - LDH	REVISED -
DATE - 12/6/10	FILE - 090491-PH2-Mot-1.sht

**VILLAGE OF SHOREWOOD, ILLINOIS
BLACK ROAD & RIVER ROAD
INTERSECTION IMPROVEMENT**

**MAINTENANCE OF
TRAFFIC STAGING NOTES**

SCALE: STA. TO STA.

F.A.U. R.T.E. 0298-0396	SECTION 09-00028-00-CH	COUNTY WILL	TOTAL SHEETS 63	SHEET NO. 19
C-91-726-09		CONTRACT NO. 63562		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003(385)				